

01/16/02
JC650 U.S. PTO

01-18-02

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Approved for use through 10/31/2002. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	Rubin 201-KGB
First Inventor	Dr. Berish RUBIN et al
Title	See Appendix
Express Mail Label No.	EV 015940835 US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original, and a duplicate for fee processing)
2. Applicant claims small entity status.
See 37 CFR 1.27.
3. Specification [Total Pages] **18**
(preferred arrangement set forth below)
 - Descriptive title of the Invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. Drawing(s) (35 U.S.C. 113) [Total Sheets] **6**
5. Oath or Declaration [Total Pages] **2**
 - a. Newly executed (original or copy)
 - b. Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
 - i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. Application Data Sheet. See 37 CFR 1.76

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation Divisional Continuation-in-part (CIP) of prior application No.: **/**

Prior application Information: Examiner _____ Group / Art Unit _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

Customer Number or Bar Code Label

or Correspondence address below

(Insert Customer Number or Bar Code Label here)

Name	27384		
PATENT TRADEMARK OFFICE			
Address			
City	State	Zip Code	
Country	Telephone		Fax

Name (Print/Type) **KURT C. BRISCOE**

Registration No. (Attorney/Agent)

33,141

Signature

Date **1-16-2002**

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

10/050189
JC997 U.S. PRO

01/16/02

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FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

\$510.00

Complete If Known

Application Number	To Be Assigned
Filing Date	Herewith
First Named Inventor	Dr. Berish RUBIN et al
Examiner Name	To Be Assigned
Group Art Unit	To Be Assigned
Attorney Docket No.	101438-2 / Rubin 201-KGB

METHOD OF PAYMENT

1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number 14-1263

Deposit Account Name Norris McLaughlin & Marcus

Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17
 Applicant claims small entity status. See 37 CFR § 1.27

2. Payment Enclosed:

Check Credit card Money Order Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
101 740	201 370	Utility filing fee		370.00	
106 330	206 165	Design filing fee			
107 510	207 255	Plant filing fee			
108 740	208 370	Reissue filing fee			
114 160	214 80	Provisional filing fee			
SUBTOTAL (1)				\$370.00	

2. EXTRA CLAIM FEES

Extra Claims	Fee from below	Fee Paid
Total Claims 8 -20** = 0	X 18.00	= 0.00
Independent Claims 3 -3** = 0	X 84.00	= 0.00
Multiple Dependent	140.00	= 140.00

Large Entity	Small Entity	Fee Description
103 18	203 9	Claims in excess of 20
102 84	202 42	Independent claims in excess of 3
104 280	204 140	Multiple dependent claim, if not paid
109 84	209 42	** Reissue independent claims over original patent
110 18	210 9	** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2)		\$140.00

*or number previously paid, if greater. For Reissues, see above

3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
105 130	205 65	Surcharge - late filing fee or oath			
127 50	227 25	Surcharge - late provisional filing fee or cover sheet			
139 130	139 130	Non - English specification			
147 2,520	147 2,520	For filing a request for ex parte reexamination			
112 920*	112 920*	Requesting publication of SIR prior to Examiner action			
113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action			
115 110	215 55	Extension for reply within first month			
116 400	216 200	Extension for reply within second month			
117 920	217 460	Extension for reply within third month			
118 1,440	218 720	Extension for reply within fourth month			
128 1,960	228 980	Extension for reply within fifth month			
119 320	219 160	Notice of Appeal			
120 320	220 160	Filing a brief in support of an appeal			
121 280	221 140	Request for oral hearing			
138 1,510	138 1,510	Petition to Institute a public use proceeding			
140 110	240 55	Petition to revive - unavoidable			
141 1,280	241 640	Petition to revive - unintentional			
142 1,280	242 640	Utility issue fee (or reissue)			
143 460	243 230	Design issue fee			
144 620	244 310	Plant issue fee			
122 130	122 130	Petitions to the Commissioner			
123 50	123 50	Processing fee under 37 CFR § 1.17(q)			
128 180	128 180	Submission of Information Disclosure Statement			
581 40	581 40	Recording each patent assignment per property (times number of properties)			
146 740	246 370	Filing a submission after final rejection (37 CFR § 1.129(a))			
149 740	249 370	For each additional invention to be examined (37 CFR § 1.129(b))			
179 740	279 370	Request for Continued Examination (RCE)			
169 900	169 900	Request for expedited examination of a design application			
Other fee (specify)					

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

*or number previously paid, if greater. For Reissues, see above

SUBMITTED BY		Complete (if applicable)			
Name (Print/Type)	Kurt G. Briscoe	Registration No. (Attorney/Agent)	33,141	Telephone	(212) 808-0700
Signature				Date	1-16-2002

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APPENDIX

TITLE: DETECTION OF MUTATIONS IN A GENE ENCODING I_KB KINASE-COMPLEX-ASSOCIATED PROTEIN TO DIAGNOSE FAMILIAL DYSAUTONOMIA

LIST OF INVENTORS: DR. BERISH Y. RUBIN and DR. SYLVIA L. ANDERSON

CLAIM TO PRIORITY:

Priority is hereby claimed under 35 USC 120 on the basis of US Provisional Application Serial No. 60/262,284, filed on January 17, 2001.

“Express Mail” Mailing Label No. EV 015940835 US
Date of Deposit: January 16, 2002

I hereby certify that the items listed on the attached Utility Patent Application Transmittal are being deposited with the United States Postal Service “Express Mail Post Office Addressee” service under 37 CFR 1.10 on the date indicated above and is addressed to the Hon. Commissioner for Patents, Washington, D.C. 20231.

NORRIS, McLAUGHLIN & MARCUS

By: Jennifer Arch

Rubin 201-KGB

APPLICANT: DR. BERISH RUBIN et al

TITLE: DETECTION OF MUTATIONS IN A GENE ENCODING I_KB KINASE-COMPLEX-ASSOCIATED PROTEIN TO DIAGNOSE FAMILIAL DYSAUTONOMIA

PROVISIONAL APPLICATION NO.: 60/262,284

EXPRESS MAIL CERTIFICATE

"Express Mail" mailing label number EV 015940835 US

Date of Deposit January 16, 2002

I hereby certify that the following items:

1. Utility Patent Application Transmittal Form
2. Appendix
3. Fee Transmittal in duplicate - **SMALL ENTITY - CHARGE DEPOSIT ACCOUNT**
4. Specification consisting of Description (pages 1- 13); References Cited (pages 14-15); 8 Claims (pages 16-17); Abstract (page 18); 6 pages of Drawings (Pages 19-24); and Sequence Listing (4 Pages)
5. Combination Declaration & Power of Attorney
6. Information Disclosure Statement with Form PTO 1449 and two references
7. Return Receipt Postcard
8. Statement Regarding Sequence Listing
9. Diskette Containing Sequence Listing

are being deposited with the United States Postal Services "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the: Hon. Commissioner for Patents, Washington, D.C. 20231, Box Patent Application.

NORRIS, McLAUGHLIN & MARCUS, P.A.

By

Jennifer Arch

Rubin 201-KGB

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS : DR. BERISH RUBIN ET AL.

SERIAL NO. : TO BE ASSIGNED

FILED : HEREWITH

FOR : DETECTION OF MUTATIONS IN A GENE ENCODING I_KB KINASE-
COMPLEX-ASSOCIATED PROTEIN TO DIAGNOSE FAMILIAL
DYSAUTONOMIA

ART UNIT : TO BE ASSIGNED

EXAMINER : TO BE ASSIGNED

January 16, 2002

Hon. Commissioner of Patents
Washington, D.C. 20231

STATEMENT REGARDING THE SEQUENCE LISTING

SIR:

Attached is a computer diskette containing a computer readable form of the paper Sequence Listing embedded in the specification. The undersigned hereby certifies that the paper Sequence Listing does not introduce new matter, and that the content of the paper Sequence Listing and the computer readable form copy is the same and includes no new matter.

Early and favorable action is earnestly solicited.

Respectfully submitted,

NORRIS MC LAUGHLIN & MARCUS, P.A.

By

Kurt G. Briscoe
Reg. No. 33141

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